

Title (en)  
Snow shovel with self sharpening shovel blade, and process for its manufacture

Title (de)  
Schneeschieber mit selbstschärfendem Schaufelblatt und Herstellungsverfahren hierfür

Title (fr)  
Pelle à neige avec lame auto effilante, et son procédé de fabrication

Publication  
**EP 1717372 A1 20061102 (DE)**

Application  
**EP 05009105 A 20050426**

Priority  
EP 05009105 A 20050426

Abstract (en)  
The shovel has a shovel blade (S) that is made of plastic and has reinforcements or stampings (V) which run in direction of the shovel. A body (K) is arranged in an area of depleted edge of the shovel blade. The body is fixedly bonded with the shovel blade through spray coating. The body is freely grounded during usage of the snow shovel and is formed as a plate with recesses or elevations. An independent claim is also included for a method of manufacturing a snow shovel.

IPC 8 full level  
**E01H 5/02** (2006.01)

CPC (source: EP)  
**B29C 45/14065** (2013.01); **E01H 5/02** (2013.01); **B29C 2045/14131** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1717372 A1 20061102; EP 1717372 B1 20080917**; AT E408729 T1 20081015; DE 502005005399 D1 20081030

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**EP 05009105 A 20050426**; AT 05009105 T 20050426; DE 502005005399 T 20050426